



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination of Waters
Important to Anadromous Fish

Region: Southcentral

Anadromous Water Catalog Number of Waterway: 247-41-10200-2053-3150-4095

Name of Waterway: Summit Creek

USGS Quad: Talkeetna B-3

Status:

☒ Addition

☐ Deletion

☐ Correction

☐ USGS Name

☐ Local Name

☐ Backup Information

For Office Use

Nomination #	03 143	Regional Supervisor	3/28/02
Revision Year:	2003	AWC Project Biologist	13 MAR 03 Review 27 MAR 03
Revision to: Atlas	Catalog		Date
Both	X		Date
Revision Code:	AZ	Drafted	Date

SITE INFORMATION Station: FSH0224A10 Visit: 1 Date Observed: 8/28/2002 Latitude: 62.349625 Longitude: -151.19996
Legal Description: NW 1/4 Section 18, T. 26 N., R. 10 W., S.M.

STREAM PARAMETER	Wetted	OHW
Width (m)	1.93	2.9
Thalweg Depth (m)	0.25	
Water Temp. (C):	8.9	Stream Stage: Medium
Dominant Substrate:	Boulder	

Station Comments:

SPECIES INFORMATION	Life Stage:	Count:	Life History:
rainbow trout	Juvenile	2	Resident
Sampling Method: Portable Electrofisher	Area (m2):	Effort (s): 267	Trap in:
Fish passage barrier at site: Specific Barrier Unknown	Trap Time (h):		Trap out:
Species Comments:			

SPECIES INFORMATION	Life Stage:	Count:	Life History:
coho salmon	Juvenile	2	Anadromous
Sampling Method: Portable Electrofisher	Area (m2):	Effort (s): 267	Trap in:
Fish passage barrier at site: Specific Barrier Unknown	Trap Time (h):		Trap out:
Species Comments:			

Additional Comments: Good rearing, poor spawning habitat - see photos.

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Joe Giefer, Habitat Biologist

Phone: (907)267-2336

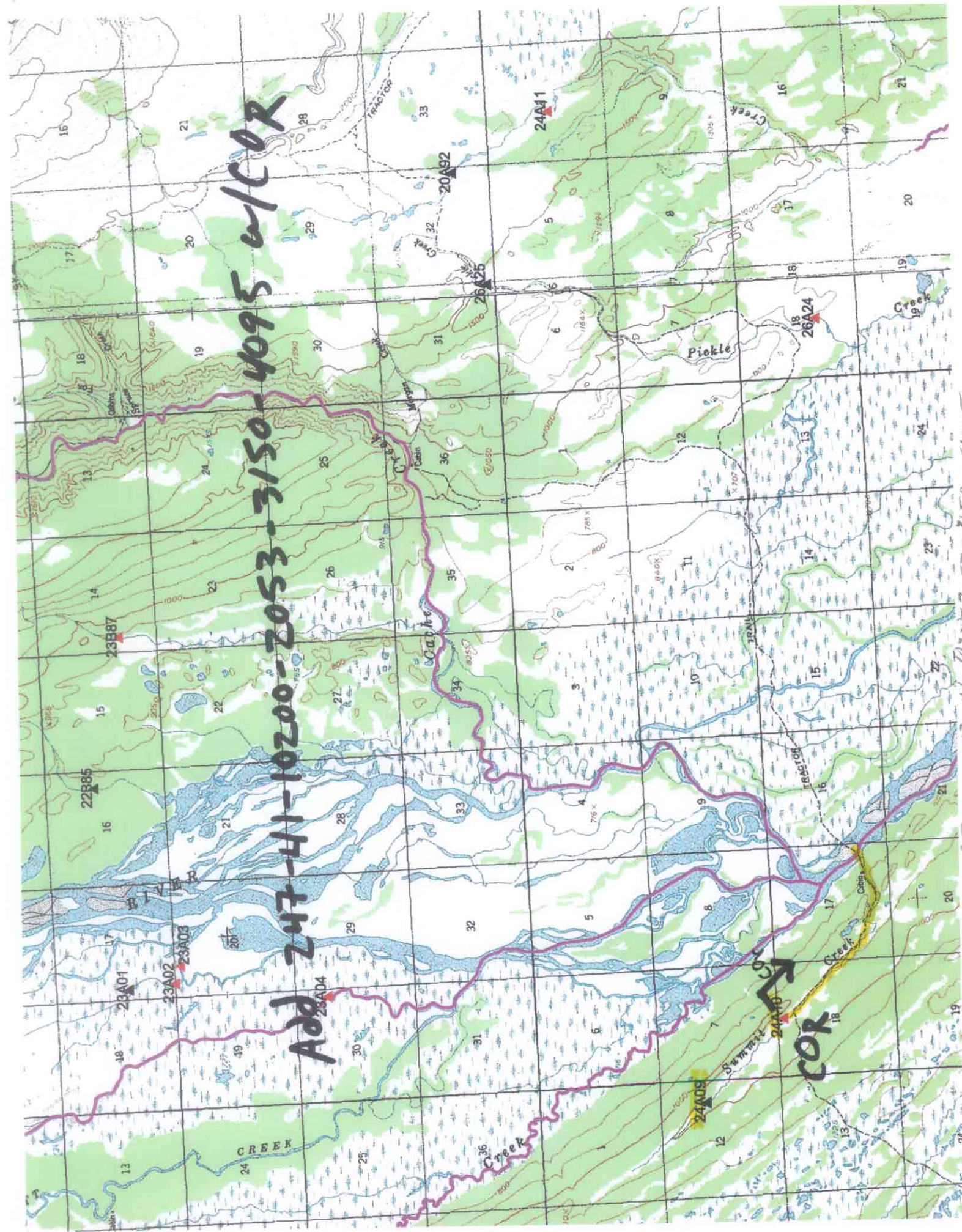
Date Printed: 12/10/2002

Signature: *Joseph F. Giefer*

Address: Habitat and Restoration Division, Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, AK 995181599 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

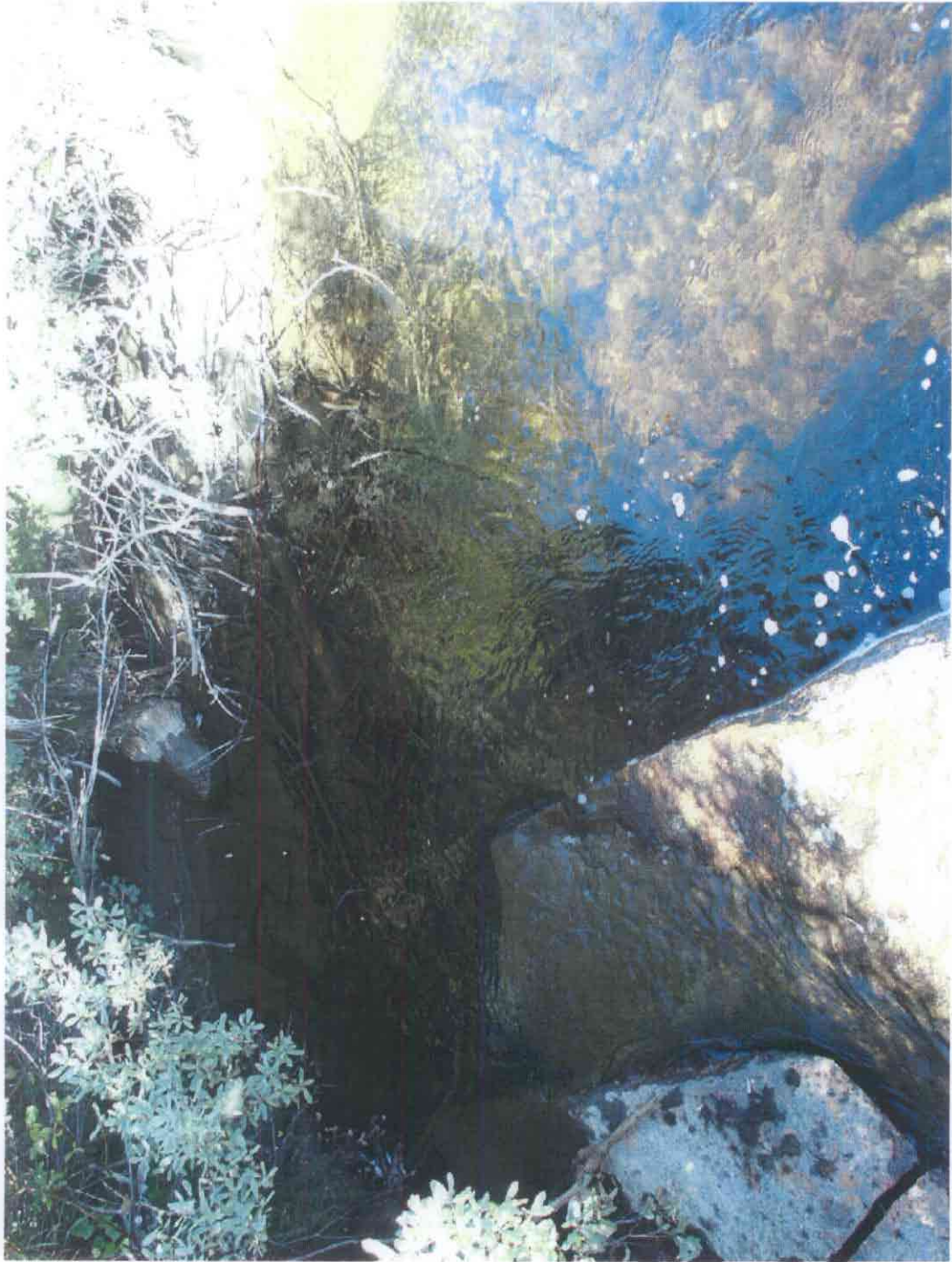




24A10 looking downstream



24A10 looking upstream



24A10 pool

8/28/02

24A109 Summit Creek

Boulder - silt

marginal-substrate

hard wall

ripple

only sculpin

poor SPAWNING

24A110 Summit

24A110

1 mile

CO

RB

24A109

Boulder silt

good rearing
poor SPAWNING

NEXT to KATHLEEN
RIGHT SIDE



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Important to Anadromous Fish

Region: Southcentral

USGS Quad: Talkeetna B-3

Anadromous Water Catalog Number of Waterway: _____

Name of Waterway: Summit Creek

☐ USGS Name

Status:

☐ Local Name

☐ Addition

☐ Deletion

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☒ Backup Information

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Nomination # _____	_____	_____
Revision Year: _____	Regional Supervisor	Date _____
Revision to: Atlas _____ Catalog _____	AWC Project Biologist	Date _____
Both _____		
Revision Code: _____	Drafted	Date _____

SITE INFORMATION Station: FSH0224A09 Visit: 1 Date Observed: 8/28/2002 Latitude: 62.359305 Longitude: -151.22102

Legal Description: NE 1/4 Section 12, T. 26 N., R. 11 W., S.M.

STREAM PARAMETER

	Wetted	OHW
Width (m)	2.1	2.94
Thalweg Depth (m)	0.24	

Water Temp. (C): 6.6 Stream Stage: Medium

Dominant Substrate: Boulder

Station Comments:

SPECIES INFORMATION slimy sculpin

Life Stage: Juvenile/Adult

Count: 25

Life History: Resident

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 231 Trap Time (h):

Trap in:

Fish passage barrier at site: Unknown

Trap out:

Species Comments:

1

Additional Comments:

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

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Nomination Number	Project Code	Station ID	No. of Anad. Fish	Method	Comments Justifying Addition
03-143	FSH02	24A10	2	PEF	Good rearing & overwintering habitat (pool - riffle, good cover). Stream is connected to Kahiltna River (already cataloged) 2 miles downstream with no apparent migratory barriers. Poor electrofishing conditions - very low conductivity (7 μ S/cm).

YRS 3/25/03
 Summit CK is tributary Kahiltna w/ COP Pk KR
 found in River 247-41-10200-2053-3150
 Pressure CK 247-41-10200-2053-3150-4115
 is North of H-S system & has KR COs